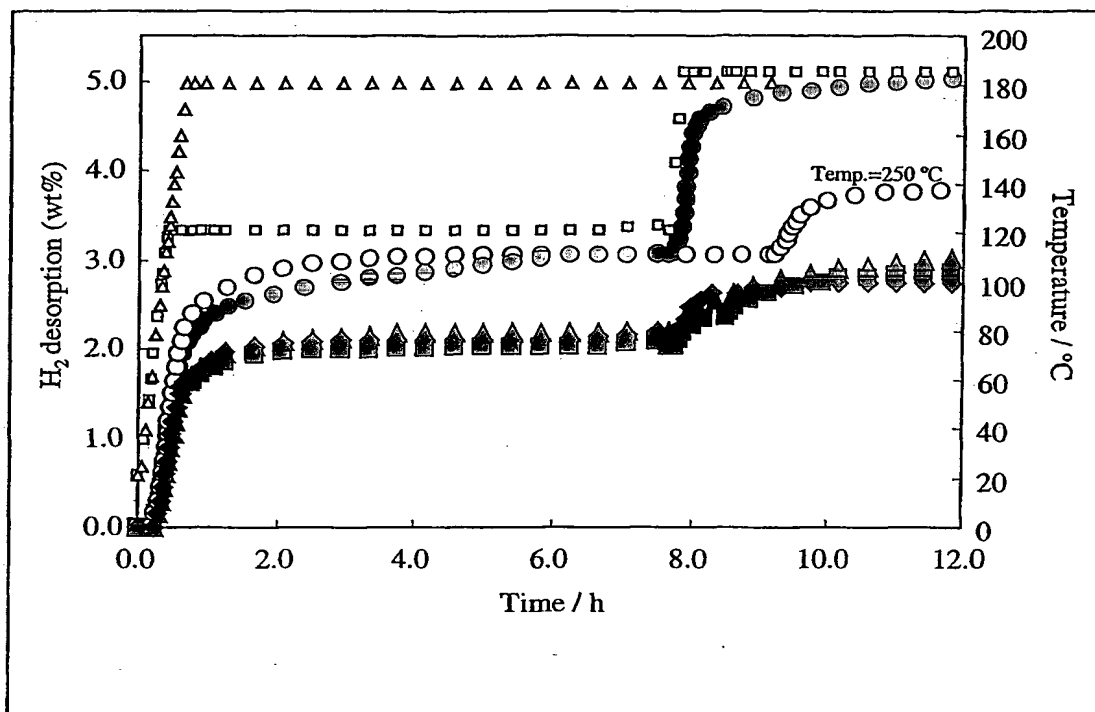


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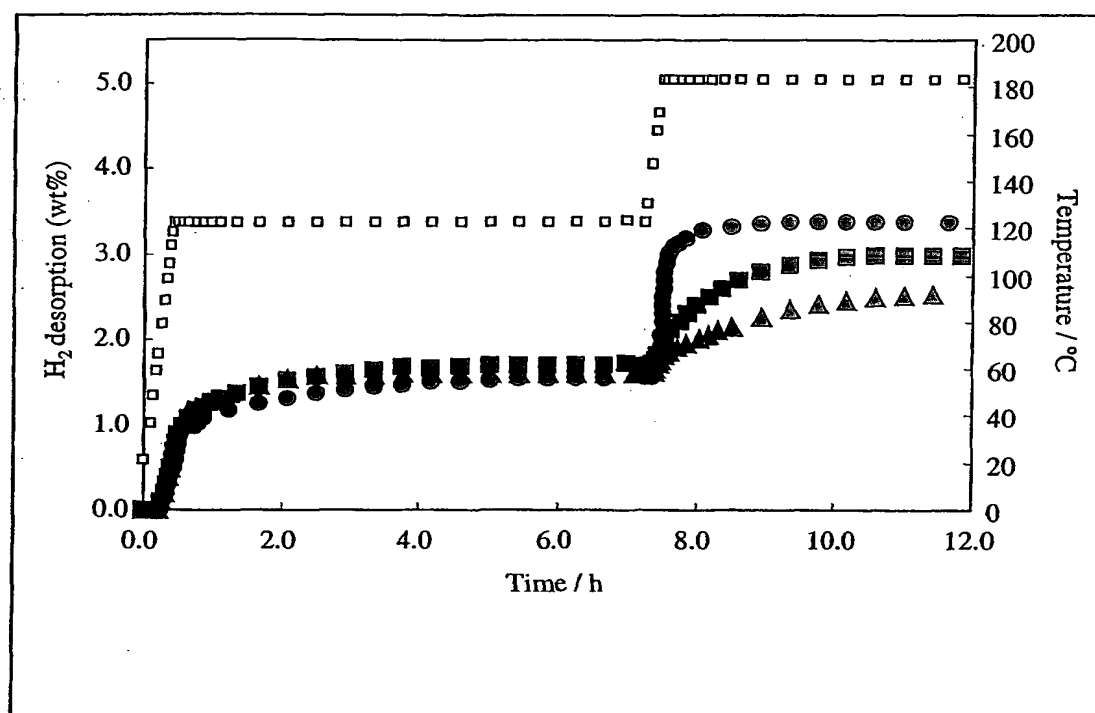
Figure 1



Encapsulated Ti doped NaAlH_4 (example 1); (\circ) cycle 1, (Δ) cycle 2, (\square) cycle 3, (\diamond) cycle 4, (∇) cycle 5; (\square) temperature in cycles 1 to 3 and 5; temperature in cycle 4.

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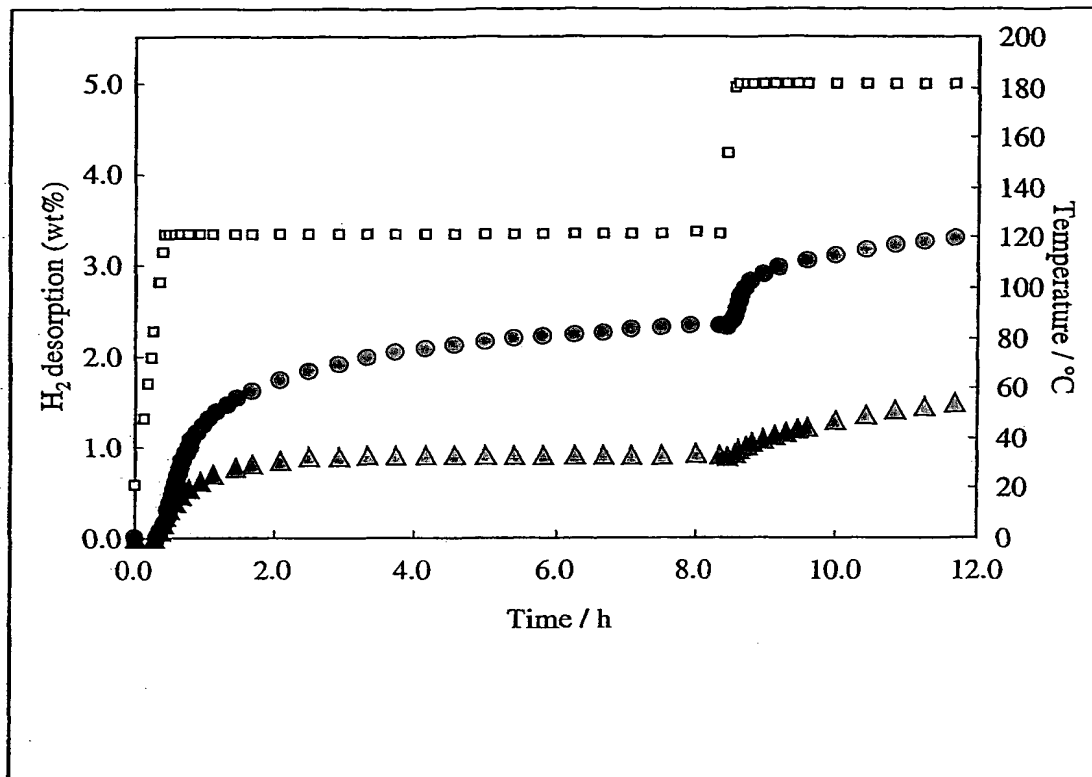
Figure 2



Encapsulated Ti doped NaAlH₄ (example 3); (●) cycle 1, (▲) cycle 2, (■) cycle 3, (□) temperature in cycles 1 to 3

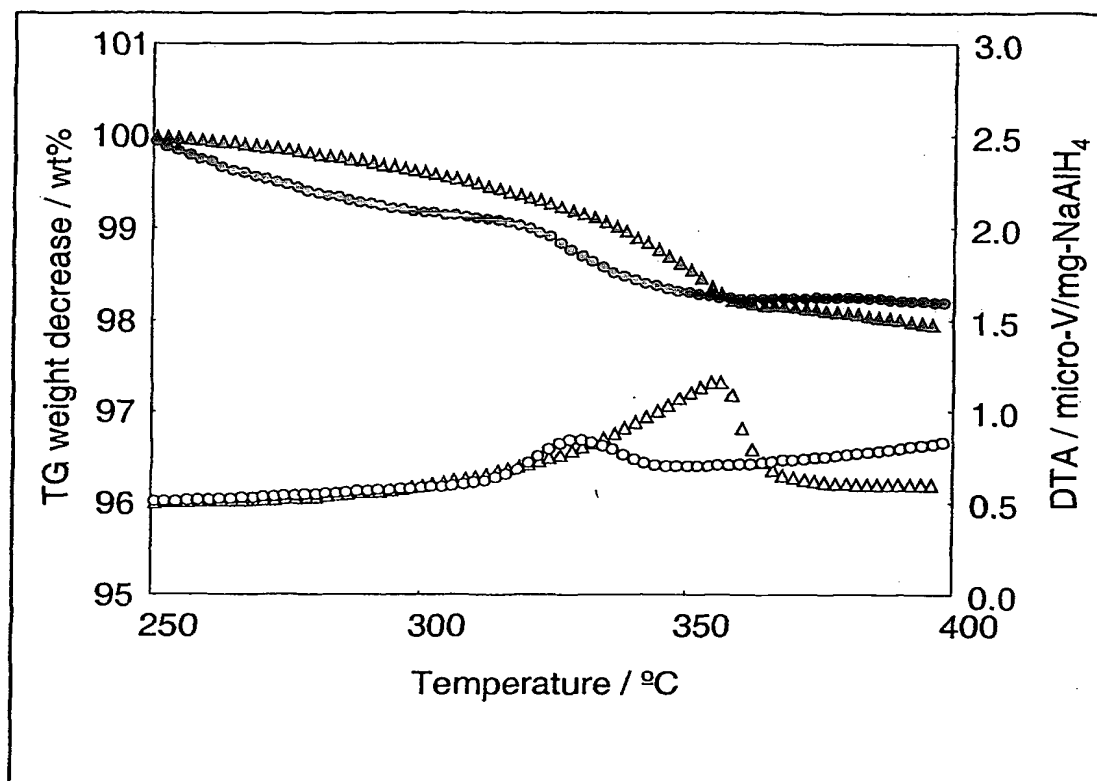
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Figure 3



Non-encapsulated Ti doped NaAlH₄; (●) cycle 1, (▲) cycle 2, (□) temperature in cycles 1 and 2

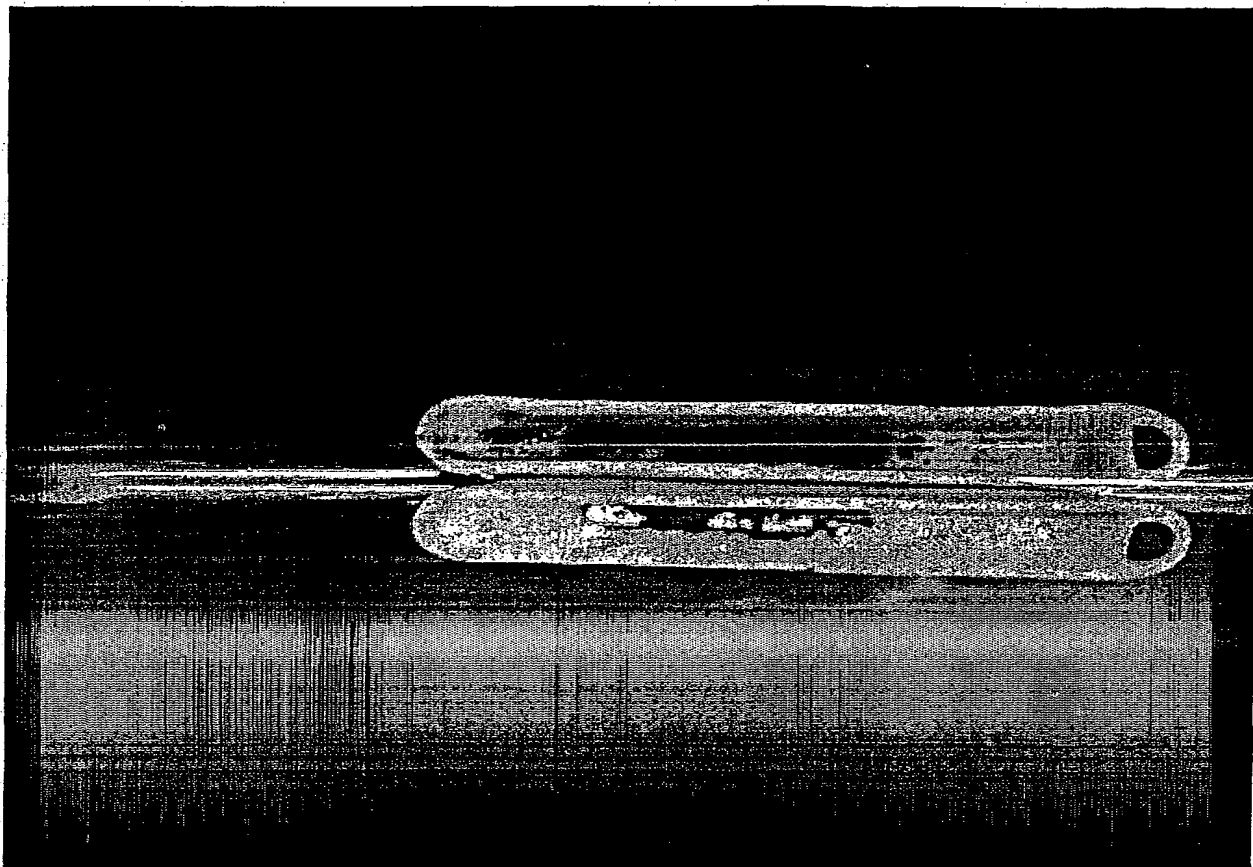
Figure 4



TG-DTA of encapsulated and non-encapsulated Ti doped NaAlH₄; (○) TG of encapsulated Ti doped NaAlH₄ (example 3), (△) TG of non-encapsulated Ti doped NaAlH₄, (○) DTA of Ti doped NaAlH₄ (example 2), (△) DTA of non-encapsulated Ti doped NaAlH₄.

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Figure 5



NaAlH₄ doped with Ti after contact with air:
Upper probe is encapsulated, lower is non-encapsulated (example 1).

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Figure 6

